

LLANGOLLEN URBAN DISTRICT COUNCIL.

To

The Chairman and Members of the
Llangollen Urban District Council.

Miss Jones and Gentlemen,

I have the honour to submit my first Annual Report on the Health and Vital Statistics of the Llangollen Urban District for the Year ending the 31st December 1951, together with the information supplied by the Sanitary Inspector for the same period.

During the Year 1951, three Medical Officers held the position of Medical Officer of Health to this Council in sequence.

Dr. Benjamin who had acted as part-time Medical Officer up till May 1951 terminated his appointment when Llangollen Urban District was combined with Wrexham Rural District and Ceiriog Rural District to form Eastern No. 1 District of Denbighshire with a full time Medical Officer of Health. Dr. Stanley Ball was the first Medical Officer of Health to hold this appointment but he resigned on October 31st to take up another post.

On November 1st I was appointed to act in a temporary capacity for the remaining two months of the year. The taking of the Census was one of the most important events of the year for this had not been done since 1931. The Census figures showed that the population of Llangollen was 3,275 whereas the estimated population was 3,170. This compares with a population of 3,098 for 1950 and shows an increase of 177. As the vital statistics of an area are based on an accurate assessment of the population it is necessary that the census be taken at regular intervals, usually every 10 years, if these are to have any true value.

During the Year there were 54 live births as compared with 64 in 1950 showing a reduction of 10. The number of deaths was 46 as compared to 41 in 1950 giving a small increase of 5.

It was very satisfactory to note that there were no infant deaths during the year.

Very few Infectious diseases were notified in 1951 and it was gratifying to note that there were no cases of Diphtheria or Infantile Paralysis this year.

I should like to take this opportunity of thanking the Chairman and Members of the Council for their kindness and consideration to me as their new Medical Officer of Health.

I would also pay tribute to the help and co-operation I have received from Mr. Lovatt and also to the efficient way in which he carries out his many duties.

Finally I would thank the Clerk and his Staff for their great assistance in preparing this Report.

STATISTICS AND SOCIAL CONDITIONS :-

Area of the District in acres.	3,107.
Registrar General's Estimated population. ...	3,170.
Number of inhabited houses.	1,068.
Rateable Value of the District at 1st April 1951.	£19,092.
Sum represented by the product of a penny rate for the Year ended 31st March 1951.	£74. 6. 11.

EXTRACTS FROM VITAL STATISTICS.

<u>LIVE BIRTHS.</u>	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Legitimate. ...	23.	29.	52.
Illegitimate. ...	--.	2.	2.

The Birth Rate per 1,000 of the estimated Resident population is 17.03 as compared with a rate of 15.5 over England and Wales.

Still Births.	NIL.
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<u>DEATHS.</u>	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
	21.	25.	46.

The Death Rate per 1,000 of the estimated resident population is 14.51 as compared with a rate of 12.5 over England and Wales.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Deaths of Infants under 4 weeks old.	Nil.	Nil.	NIL.
Deaths of Infants under One year.	Nil.	Nil.	NIL.


There has been no change in the general provision for Health Services since 1948, and the Clinics available are :-

1. The County Council Child Welfare Clinic at Llangollen.
2. The Ante-Natal Clinic at Llangollen taken by the County Obstretician.

The larger Hospitals available in the immediate neighbourhood are as detailed in the 1949 Report, viz :-

1. The Wrexham War Memorial Hospital.
2. The Wrexham Emergency Hospital, (Plas Maelor)
3. The Wrexham Fever Hospital.
4. The Wrexham Tuberculosis Dispensary.
5. The Park Hall Orthopaedic Hospital, Oswestry.

The Ambulance Service is by arrangement with the Cefn Mawr St. John's Ambulance Corps, and since July 1948 the Ambulance Service is the responsibility of the Denbighshire County Council



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INFECTIOUS DISEASES : -

The infectious diseases notified during 1951 were :-

Scarlet Fever.	...	...	...	7.
Diphtheria.	...	....	...	NIL.
Measles.	...	...	...	5.
Acute Poliomyelitis.	Paralytic.	...	...	NIL.
- ditto -	Non-paralytic.	...	...	NIL.

There were two new cases and one transferred case of Tuberculosis notified during the Year 1951, but no deaths occurred during the year.

The causes of the 46 deaths in the area can be summarised as follows :-

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Malignant neoplasm - lungs, bronchus.	1.	-.	1.
Other malignant and lymphatic neoplasms	2.	1.	3.
Vascular lesions of nervous systems.	4.	2.	6.
Coronary disease - angina. ...	2.	2.	4.
Hypertension with heart disease.	1.	2.	3.
Other heart diseases. ...	3.	5.	8.
Influenza. ...	1.	3.	4.
Pneumonia. ...	-.	1.	1.
Bronchitis. ...	2.	4.	6.
Other defined and ill-defined diseases.	3.	4.	7.
Motor vehicle accidents. ...	1.	-.	1.
Suicide. ...	1.	1.	2.

DIPHTHERIA IMMUNISATION

The particulars regarding Diphtheria immunisation as at the 31st December 1951 are as under :-

	<u>0-5 years.</u>	<u>5 - 15 years.</u>
Number immunized.	43.	1.
Diphtheria and Whooping Cough combined	-.	1.
Percentage of child population immunized.	84%	95%.

SANITARY CIRCUMSTANCES OF THE DISTRICT:

The normal source is upland surface water, with an auxiliary supply pumped from the River Dee to meet deficiency in dry periods.

The water is treated by sedimentation tanks, gravity filters and chlorination.

The present demand has outgrown the capacity of the works and the Council must urge upon the Ministry the necessity of increased pumping plant and the provision of an additional filter at the earliest possible moment. There is a risk that the present pumping machinery, which was installed in 1934, may break down, and there is no standby plant, if this should happen it would create a very serious position for the Town and at a time when the population is greatly increased by visitors.

The quality of the water is consistently reported as highly satisfactory. There is no plumbo-solver action.

"Public Health Laboratory. Royal Salop Infirmary Shrewsbury.

W A T E R

Bacteriological Examination Report.

Authority or sender - Llangollen U.D.C. Lab. Ref. No. 25741.

Nature of sample. Water from Consumer's tap (Chlorinated)
Date and hour of collection. 8. 11. 51 9.a.m.
Date and hour of arrival. 8. 11. 51. 2.55 p.m.

Plate count. Yeastrel agar 3 days 22°C aerobically.....per ml.
Plate count. Yeastrel agar 2 days 37°C aerobically.....per ml.

Probable number of coliform bacilli MacConkey - 2 days
37°C..... 0 per ml

Approximate proportions of faecal and non-faecal coli :-

- (a) Faecal coli. 0 per cent.
(b) Non-faecal coli..... 0 per cent.

Remarks: Highly satisfactory. Date of Report 10.11.51."

DRAINAGE AND SEWERAGE.

There has been little change during the year. The whole of the Town area is on the water carriage system, the only privies remaining are those of isolated houses outside the sewerage area.

PUBLIC CLEANSING.

House refuse is collected weekly throughout the Town Area, and is disposed of by tip on a site about $1\frac{1}{4}$ miles from the town.

HOUSING.

2 houses were completed by the Local Authority during the Year on the Pengwern Housing Site and one house was completed by private enterprise.

MEAT AND OTHER FOODS.

There are no slaughterhouses in use in this area, but visits are paid to Shops and other places where food is prepared and the following articles of food were condemned as unfit for human consumption during the year :-

Boiled Ham (Tinned)	606 lbs.	
Wet fish.	28 lbs.	
Tinned fish.	7 lbs.	
Tinned vegetables.	71 lbs.	
Tinned milk.	39 lbs.	
Tinned meats.	37 lbs.	
Wrapped cheese.	2 $\frac{1}{2}$ lbs.	Total 790 $\frac{1}{2}$ lbs

6 boxes of Pears.

SMOKE ABATEMENT.

There is an occasional nuisance caused by the emission of black smoke from the chimney of the Cae Felin Laundry. They have recently fitted a new smoke box and chimney which has improved matters. They complain of the quality of fuel they are compelled to use and over which they have little or no control.

INSPECTIONS UNDER THE FACTORIES ACTS 1937 and 1948.

<u>Premises:</u>	<u>Number on Register.</u>	<u>Number of Inspections.</u>	<u>Written Notices.</u>
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority.	27.	13.	2.
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority.	12.	4.	-
	<hr/>	<hr/>	<hr/>
Total.	39.	17.	2.
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Cases in which Defects were found.

<u>Particulars :</u>	<u>Found.</u>	<u>Remedied.</u>	<u>Referred to H. M. Inspector.</u>
Want of cleanliness.	2.	2	--.

Yours obediently,

(SIGNED) T. KENRICK HUGHES.

Medical Officer of Health.

Town Hall,
Llangollen.

24th September 1952.

